

The MediterraneanCoin tipbot system associates a virtual wallet to each Twitter user who uses MediterraneanCoin.

Also, as a bonus, the tipbot provides a small amount of MediterraneanCoins to each user, each time they update their Twitter status containing the MediterraneanCoin word (case insensitive).

**Security warning: we try do to our best in terms of security of our applications, but do not store large amounts of MediterraneanCoins on your tipbot account!**

**Your MediterraneanCoins, managed by the tipbot system, are stored in a virtual wallet on which you operate using your Twitter account (sending status updates containing special commands).**

**The security of your MediterraneanCoins managed by the tipbot system depends on the security of your Twitter account.**

**The system is experimental, please use with care!**

Commands to the tipbot are sent through Twitter statuses containing the MediterraneanCoin word.

Note: to receive notifications directly from the tipbot, you need to follow @MEDTipBot; if not, visit <https://twitter.com/MEDTipBot> and browse its status updates.

For each status containing the MediterraneanCoin keyword (excluding commands), the twitter user gets a little MED bonus... try it!

## **getdepositaddress**

Parameters: none

example:

*#MediterraneanCoin getdepositaddress*

The system responds with a status/notification showing your MED address for performing MED deposits to your own tipbot wallet.

Example of response from tipbot system:

*@YourTwitterScreenName your MED address for deposit is  
MjhyKo3CpDKRaC5f3Nhr1aqP61hTYH9Lz5*

When sending fundings to your deposit address on the tipbot system, six confirmations are required (about six minutes for MediterraneanCoin) for confirming the deposit.

## **showbalance**

Parameters: none

example:

*#MediterraneanCoin showbalance*

For privacy reasons, the system responds with a direct Twitter message to you, showing your MED balance of your tipbot wallet. The balance is not shown to other users.

**To receive the direct message, you need to follow the user @MEDTipBot** (the Twitter platform does not allow to send direct messages to users not following the sender).

example of response from tipbot system (direct message to your Twitter user):

*#MediterraneanCoin your balance is 100 MED*

## **mymedaddress**

Parameters:

- your MediterraneanCoin address on your own wallet (not the tipbot wallet) to be used for withdrawing MED from the tipbot system (using the “withdraw” command).

example:

*#MediterraneanCoin mymedaddress Mk17G7iHX2FfHQGoW4PEHKhHjSh55WmuMa*

The user specifies her/his MED address for retrieval. You can change it anytime. When you set the address, it will be kept by the tipbot system as your current withdraw address.

After this, to retrieve your MediterraneanCoins you need to use the “withdraw” command.

## **withdraw**

Parameters:

the amount of MediterraneanCoin to withdraw to your own wallet from the tipbot wallet.

Your wallet associated with the tipbot needs to contain an amount equal or greater than the amount to withdraw. Use the “showbalance” command to show your balance.

example:

*#MediterraneanCoin withdraw 100 MED*

The user retrieves 100 MED to her/his MED address (previously specified with the mymedaddress command)

There is a fixed fee of 0.1 MED for this operation. The operation is performed immediately.

If successful, the tipbot system replies in this way:

@YourTwitterScreenName, you have been sent 100 MED to your address, tx = <http://explorer.mediterraneancoin.org/tx/...>

The status message includes a link to MED explorer for showing the transaction; it can take a few minutes for the transaction to be shown in the explorer.

## sendtip

Parameters:

- the Twitter screen name of the user to send MediterraneanCoin to.
- the amount of MediterraneanCoin to send to the user (will be taken from your balance)

Your wallet associated with the tipbot needs to contain an amount equal or greater than the amount to send. Use the “showbalance” command to show your current balance.

example:

```
#MediterraneanCoin sendtip @YourTwitterScreenName 10 MED
```

The user sends a tip of 10 MED to the twitter user identified by twitter screen name "YourTwitterScreenName".

The operation is performed immediately and cannot be reversed.

The other user (YourTwitterScreenName) will see immediately the increase in his/her balance (using the “showbalance” command).

Forthcoming: you can send a tip to a user on a different platform (i.e. Weibo).

To send a tip to a user on Weibo, you shall use a command like this:

```
#MediterraneanCoin sendtip ScreenNameUser@Weibo 10 MED
```

## sendtipconditional

Parameters:

- the Twitter screen name of the user to send MediterraneanCoins to the conditional tip.
- the amount of MediterraneanCoin to send to the user (will be taken from your balance); the minimum amount is 10 MED
- the expiration date of this tip; by the specified date and time (UTC format [http://en.wikipedia.org/wiki/ISO\\_8601](http://en.wikipedia.org/wiki/ISO_8601) )
- the number of needed votes (by other users) for the tip to be conferred to the user; users can vote this tip with the “tipvote” command; must be greater than zero.

This tip must be voted by other users (see “tipvote” command) the specified amount of times (before the expiration time) to be considered successful.

If the conditional tip does not get enough “tipvotes” before the expiration date, then the tip amount is given back to the user who performed the tip. Otherwise, the MED amount is transferred to the specified user.

The expiration date cannot be too near (1 minute from now) or too far in time (15 days from now).

The expiration date is in UTC format, see also this link for examples:

[http://en.wikipedia.org/wiki/ISO\\_8601](http://en.wikipedia.org/wiki/ISO_8601)

It is possible to specify a fully UTC format, including date, time and timezone.  
The tipbot server works in the “ZULU” timezone (GMT+0).

Your wallet associated with the tipbot needs to contain an amount equal or larger than the amount to send. Use the “showbalance” command to show your balance.

Send a conditional tip to a twitter user; the user receives the tip if and only if enough users vote this tip before the expiration date.

example:

```
#MediterraneanCoin sendtipconditional @MrSmith 100 MED 2014-05-31T13:18:40 20 votes
```

In case the conditional tip is posted successfully, the tipbot system replies with the following message:

```
@YourScreenName sends conditional tip of 100 MED to user MrSmith, expiration 2014-05-31T13:18:40, needs 20 votes
```

This message means that the conditional tip of 100 MED has been taken from YourScreenName wallet and will be kept in reserve for the MrSmith until one of the following events happen:

- the conditional tip gets enough votes from other users; in such case, the amount is conferred to MrSmith
- the conditional tip expires; in such case, the amount is returned to YourScreenName

## tipvote

Parameters:

- the Twitter screen name of the user to vote a conditional tip for
- optional keyword: oldest | newest | random

In case the target user has more than one open conditional tip, you can specify to vote for the most recent tip (“newest”), the oldest conditional tip (“oldest”) or a random tip.

If the target user has only one open conditional tip, then the use of an optional keyword is not relevant.

Each user can vote only once for a specific conditional tip associated to a user.

Example:

```
#MediterraneanCoin tipvote @MrSmith [oldest | newest | random ]
```

The tipbot system replies with:

```
@YourScreenName has voted a conditional tip for user @MrSmith, 7/20 (10 MED)
```

## listopentips

Parameters: none

List the open tips associated with your Twitter user.

*#MediterraneanCoin listoptips*

example reply:

*@MyUserName 3/10(10.00 MED)*

This means that there is one open conditional tip for 10 MED, requiring 10 votes (having received 3 votes up to now).

## **assurancecontract**

Parameters:

- the Twitter screen name of the user to send MediterraneanCoins as an assurance contract.
- the total amount of MediterraneanCoin to be collected, before the expiration date, and to be sent to the target user
- the expiration date of this tip; by the specified date and time (UTC format [http://en.wikipedia.org/wiki/ISO\\_8601](http://en.wikipedia.org/wiki/ISO_8601) )

This functionality has been inspired by this article:

[https://en.bitcoin.it/wiki/Contracts#Example 3: Assurance contract](https://en.bitcoin.it/wiki/Contracts#Example_3:_Assurance_contract)

This command creates an assurance contract, where all the users contribute with small MED amounts to reach the total amount of MED before the expiration date.

The expiration date cannot be too near (1 minute from now) or too far in time (30 days from now).

If the target amount of MED is reached (through contributions from other users using the “assurancetip” command) before the expiration date, then the total amount is transferred to the target user.

Otherwise, all the tips are given back to the contributing users.

example:

*#MediterraneanCoin assurancecontract @MrAnderson 1000 MED 2014-05-31*

An assurance contract is created by the current user in favor of user MrAnderson.

If before the expiration time (2014-05-31 00:00 GMT+0) other users are willing to contribute to this assurance contract (with “assurancetip” command), then user MrAnderson will receive 1000 MED. Otherwise, all the contributed amounts by each user is given back.

## **assurancetip**

Parameters:

- the Twitter screen name of the user to send an assurance tip to
- the amount of MediterraneanCoin to be contributed
- optional keyword: oldest | newest | random

Contribute with the specified amount of MED to an open contract.

In case the target user has more than one open assurance contract, you can specify to contribute to the most recent contract (“newest”), the oldest contract (“oldest”) or a random contract. If no keyword is used, the default is the oldest contract.

If the target user has only one open assurance contract, then the use of an optional keyword is not relevant. If there is no open assurance contract associated with the target user, then this tip operation is not successful and no amount is taken from the current user balance.

example:

```
#MediterraneanCoin assurancetip @MrAnderson 100 MED
```

The current Twitter user contributes with 100 MED to an open assurance contract. The amount of 100 MED is reserved by the tipbot system (so the current user sees a decrement of his/her MED balance) up to when one of the following events happen:

- the target MED amount of the assurance contract for user MrAnderson is reached before the expiration date; in such case, the MED amount is transferred to MrAnderson's balance
- the target MED amount is not reached in time; all the contributions by the different users are sent back to each contributing user.

## **listopencontracts**

Parameters: none

List the open assurance contracts associated with your Twitter user.

```
#MediterraneanCoin listopencontracts
```

## **enable**

Parameters: none

By default, each Twitter user enables the tipbot system to send tips etc. If the Twitter user has previously used the “disable” command, use the “enable” command to re-enable it.

example:

```
#MediterraneanCoin enable
```

## **disable**

Parameters: none

If do not want to receive tips et al from the MediterraneanCoin tipbot system, use the “disable” command and you will be ignored by the tipbot system.

example:

```
#MediterraneanCoin disable
```

## update

Parameters: none

When a twitter user follows the @MEDTipBot user, it can take a few hours before the tipbot system sends updates to the user. To force an update of the user data, use the “update” command.

example:

*#MediterraneanCoin update*

## createvotepoll

Parameters:

- the Twitter screen names of the competitors (two or more users)
- the amount of MediterraneanCoin for the winner (*the prize*)
- the number of votes required to win
- the expiration date for the vote poll (optional)

A user establishes a price for the competitor who gets the most votes (before the expiration date).

The expiration date is optional, if not specified is set to 30 days from now.

The vote poll minimum MED amount is 10 MED.

Example:

*#MediterraneanCoin createvotepoll 100 MED @Boss @LV @Chanel 10 votes 2014-07-31*

## votepoll

Parameters:

- the Twitter screen name of the competitor to vote
- optional keyword: oldest | newest | random

A user votes for a user competing in a votepoll.

Each user can vote only once for each votepoll.

In case the competing user has more than one open vote polls, you can specify to vote for the most recent vote poll (“newest”), the oldest vote poll (“oldest”) or a random vote poll. When no keyword is used, the default is the oldest vote poll.

Example:

*#MediterraneanCoin votepoll @Boss*